IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent

In re patent application of: NINOMIYA, et al

Serial No.: New Divisional Application (Div. of 10/339,411) Examiner: Hunter, Alvin A.

Filed: January 30, 2004 Art Unit: 3711

For: MULTI-PIECE GOLF BALL AND MANUFACTURING METHOD THEREOF Docket No.: P07838US01/MP

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.98(d)

*(For a Continuing Application **other than** a Rule 53d "Continued Prosecution Application")*

Commissioner for Patents
Washington, D.C.

S I R:

Please consider and make of record pursuant to 37 C.F.R. §1.97-1.98 the information previously cited by or submitted to the Office in the prior application relied on for an earlier filing date under 35 U.S.C. § 120.

The following listing(s) of such information are attached hereto (check as appropriate):

____ Form(s) PTO 892 listing information cited by the Office.

__X__ Form PTO 1449A/PTO listing information cited to the Office.

The prior application is identified in the application papers and in the enclosed listing form.

Favorable consideration is respectfully requested.

Respectfully submitted,

Date: January 30, 2004

By: Marvin Petry
Registration No.: 22752

STITES & HARBISON PLLC • 1199 North Fairfax St. • Suite 900 • Alexandria, VA 22314

Customized PTO/SB/08A-B (04-03)

Substitute for Form 1449A/PTO		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number	10/339,411
	Filing Date	January 10, 2003
	First Named Inventor	NINOMIYA
	Art Unit	
Sheet 1 of 1	Examiner Name	
	Docket Number	P07838US00/MP

U.S. PATENT DOCUMENTS

Exam. Initial*	Document No. Number - Kind	Publication Date MM-DD-YYYY	Name Patentee or Applicant	Relevance Passages or Figures
	4,173,345	11-06-1979	Pocklington	
	4,660,830	04-28-1987	Tomar	
	5,692,973	12-02-1997	Dalton	
	5,836,834	11-17-1998	Masutani et al.	
	6,039,910	03-21-2000	Tanaka et al.	
	6,126,560	10-03-2000	Maruoka et al.	
	6,213,893	04-10-2001	Maruko et al.	
	6,217,462	04-17-2001	Maruko et al.	
	6,296,578	10-02-2001	Masutani	
	6,398,667	06-04-2002	Lemons	

FOREIGN PATENT DOCUMENTS

Exam. Initial*	DOCUMENT Country-Number-Kind	Publ. Date MM-DD-YYYY	Name Patentee or Applicant	Relevance Passages/Figures	Trans-lation
	JP 1965-3456	01-30-1940			X
	JP 1974-136364	03-22-1948			X
	JP 1985-241463	11-30-1985			X
	JP 1998-337340	12-22-1998	Bridgestone Sports Co Ltd		X
	JP 2000-288122	10-17-2000	Bridgestone Sports Co Ltd		X
	JP 2001-112889	04-24-2001	Bridgestone Sports Co Ltd		X
	JP 2001-112890	04-24-2001	Bridgestone Sports Co Ltd		X
	JP 2001-340493	12-11-2001	Bridgestone Sports Co Ltd		X

NON PATENT LITERATURE DOCUMENTS

Exam. Initial*	**Author NAME** (in CAPS), **Title** of Article/Item, **Date, Page(s), Volume-Issue No., Publisher, City** and/or **Country** where published	Trans-lation

Examiner Signature		Date Considered	

* *Examiner: Initial if considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.*

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In re patent application of: NINOMIYA, et al

Serial No.: 10/339,411 Examiner:

Filed: January 10, 2003 Art Unit:

For: MULTI-PIECE GOLF BALL AND METHOD OF PRODUCING SAME Docket #: P07838US00/MP

STATEMENT OF RELEVANCE

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

S I R:

A statement of relevance of the non-English language publications listed in the Information Disclosure Statement filed concurrently herewith is as follows.

Japanese examined utility model publication no. 1965-3456 discloses a golf ball comprising a core 1 of a spherical shape having a diameter of d; and a cover of a hollow spherical shape having a diameter of D, characterized in that a great many of columnar projections 2 having a height of ½ (D-d) are radially arranged in such a manner that the each tip thereof is directed to the outward direction from the outer surface of the core 1 so as to be immersed in the cover 3.

Japanese examined utility model publication no. 1974-136364 discloses a golf ball comprising a spherical core 2 that has a knurled and rough surface 1 and that is composed of synthetic resin or synthetic rubber, wherein a plurality of ribs 3 are unitedly formed on the outer surface of the spherical core 2 along the spherical surface thereof; and a cover 4 made of synthetic rubber or thermoplastic resin, which is fixed on the

outer surface of the spherical core 2 by vulcanization or injection molding with having an adhesive 5 in between.

Japanese examined utility model publication no. 1985-241463 discloses a three-piece solid golf ball comprising a cover (3), which covers a two-piece solid golf ball that is composed of a core (1) and an outer layer (2), characterized in that projections (1)' are unitedly formed on the surface of the core (1) in such a manner that the projections have the height as same as the thickness of the outer layer (2).

Japanese examined utility model publication no. 1998-337340 discloses a solid golf ball comprising a core and an outer layer covering the core, wherein a number of uneven parts are uniformly formed on the surface of the core and the outer layer enters into recessed parts of the uneven parts.

Japanese examined utility model publication no. 2000-288122 discloses a golf ball comprising a spherical hard rubber core 2 covered with at least three layers of rubber or resin material including a first cover 3, a second cover 4 and a third cover 5 in this order from the inside, wherein the second cover 4 has a large number of pores 7 opened radially outward, the third cover 5 is provided on its inner surface with a large number of protrusions 9 extending into the pores of the second cover 4, and the hardness of these covers is harder in the order of the first, second and third covers.

Japanese examined utility model publication no. 2001-112889 discloses multilayer golf ball comprising two or more cover layers formed over a core 2, wherein a large number of recesses are formed on an inner layer of the two cover layers 11, which are adjacent to each other, and protrusions are formed on the outer layer thereof so that each protrusion penetrates into corresponding recess, a great circular ridgeline 12

having the same length as the portions of the outer circumference of the inner layer that are not in contact with the recesses is formed, and at least two arcuate ridgelines 13 each interacts the great circular ridgeline 12 at right angles and has a length of at least one-fourth of the outer circumference of the inner layer are formed on one of semispheres 11a between a pole 14 and the above great circular ridgeline, and each ridgeline 13 is not in contact with the recesses in the portion between the great circular ridgeline 12 and a point circumferentially offset by 30° from a pole, while the recesses are disposed in a region defined by the arcuate ridgelines that are symmetrically with respect to the arcuate ridgeline 13 on each of the semispherical parts divided by the great circular ridgeline 12.

Japanese examined utility model publication no. 2001-112890 discloses a multilayer golf ball comprising a core covered with two or more cover layers, wherein 50-500 recesses are arranged in an inner layer of the adjacent two layers of the cover layers in a regular polyhedral pattern, and protrusions are formed on an outer layer of the adjacent two layers so as to penetrate into the corresponding recess.

Japanese examined utility model publication no. 2001-340493 discloses a golf ball comprising a spherical elastic core covered with a cover, wherein the cover has a sandwich structure in which a middle layer made of a relatively soft material located at the center in the thickness direction is held between an inner layer adjacent to the hard core and an outer layer having dimples on the outer surface, and a large number of pores perforating the middle layer in the radial direction of the golf ball are distributed on the circumference of the middle layer, the outer layer has a large number of projections

on the inner surface and some of which reach the inner layer through the pores of the middle layer and are brought into face contact with the surface of the inner layer.

Respectfully submitted,

LARSON & TAYLOR, PLC

Marvin Petry
Registration No. 22752

1199 North Fairfax Street, Suite 900
Alexandria, Virginia 22314
(703) 739-4900

May 9, 2003